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<div style="display: flex; justify-content: space-between;"> <div style="width: 48%; vertical-align: top;"> <p>(21) International Application Number: PCT/US99/26260</p> <p>(22) International Filing Date: 5 November 1999 (05.11.99)</p> <p>(30) Priority Data:</p> <table style="width: 100%; border: none;"> <tr> <td style="width: 33%;">60/107,507</td> <td style="width: 33%;">6 November 1998 (06.11.98)</td> <td style="width: 33%;">US</td> </tr> <tr> <td>60/109,409</td> <td>20 November 1998 (20.11.98)</td> <td>US</td> </tr> </table> <p>(71) Applicant (for all designated States except US): OREGON HEALTH SCIENCES UNIVERSITY [US/US]; Office of Technology Management, 3181 S.W. Sam Jackson Park Road, L335, Portland, OR 97201-3098 (US).</p> <p>(72) Inventors; and</p> <p>(75) Inventors/Applicants (for US only): WONG, Scott, W. [US/US]; 7926 S.W. 167th Place, Beaverton, OR 97007 (US). AXTHELM, Michael, K. [US/US]; 1345 S.E. 35th Avenue, Hillsboro, OR 97123 (US). SEARLES, Robert, P. [US/US]; 18300 N.W. Heritage Parkway #106, Beaverton, OR 97006 (US).</p> <p>(74) Agent: NOONAN, William, D.; Klarquist, Sparkman, Campbell, Leigh & Winston, LLP, Suite 1600 - One World Trade Center, 121 S.W. Salmon Street, Portland, OR 97204 (US).</p> </div> <div style="width: 48%; vertical-align: top;"> <p>(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).</p> <p>Published <i>Without international search report and to be republished upon receipt of that report.</i></p> </div> </div>			60/107,507	6 November 1998 (06.11.98)	US	60/109,409	20 November 1998 (20.11.98)	US
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<p>(54) Title: CLONING OF RHADINOVIRUS GENOME AND METHODS FOR ITS USE</p> <p>(57) Abstract</p> <p>A novel rhesus macaque rhadinovirus, herein designated RRV, is disclosed. The genomic, cDNA and proteins sequences are provided. RRV has some similarity to human Kaposi's sarcoma-associated herpesvirus and causes Kaposi's sarcoma-like symptoms in immuno-compromised non-human primates. RRV possesses genes for both Interleukin-6 and macrophage inflammatory protein 1. The genome of RRV is useful for research, clinical and diagnostic applications aimed towards the rhadinoviruses and herpesviruses in general and KSHV in particular. In addition, methods for using RRV to produce a non-human primate model for the testing of Kaposi's sarcoma-associated herpesvirus therapeutics and vaccines are presented.</p>								
<div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 45%;"> <p style="text-align: center;">Phylogenetic Comparison of the Gammaherpesviruses</p> <pre> graph LR Root --- EBV Root --- Node1 Node1 --- AHV Node1 --- Node2 Node2 --- MHV Node2 --- Node3 Node3 --- HVS Node3 --- Node4 Node4 --- KSHV Node4 --- RRV </pre> <p>EBV - Epstein-Barr virus AHV - Alcelaphine herpesvirus MHV - Murine herpesvirus 68 HVS - Herpesvirus saimiri KSHV - Kaposi's sarcoma-associated herpesvirus RRV - Rhesus rhadinovirus 17577</p> </div> <div style="width: 50%; font-size: 0.8em;"> <p>EBV - Epstein-Barr virus</p> <p>AHV - Alcelaphine herpesvirus</p> <p>MHV - Murine herpesvirus 68</p> <p>HVS - Herpesvirus saimiri</p> <p>KSHV - Kaposi's sarcoma-associated herpesvirus</p> <p>RRV - Rhesus rhadinovirus 17577</p> </div> </div>								